

Claims

1 (currently amended): A clamp for securing to a pipe or flowline for mounting buoyancy thereon, the clamp comprising:

- i) a clamp body having surfaces against which buoyancy may abut
- ii) means for urging the clamp towards the pipe, and
- ~~iii) a radially resilient member capable of expanding or contracting to conform to changes in diameter of the pipe~~
- iii) a radially acting spring capable of expanding or contracting along the radial direction to take up changes in dimension of the pipe from a nominal dimension while maintaining a clamping force upon the pipe.

2 (currently amended): A clamp as claimed in claim 1 wherein the radially acting spring ~~resilient material~~ lies intermediate the means for urging the clamp towards the pipe and the clamp body.

3 (currently amended): A clamp as claimed in claim 1 wherein the radially acting spring ~~resilient material~~ comprises a polymeric material.

4 (original): A clamp as claimed in claim 3 wherein the polymeric material comprises compounded natural or synthetic rubber.

5 (canceled)

6 (original): A clamp as claimed in claim 1, wherein the clamp body comprises a fibre reinforced plastics material.

7 (original): A clamp as claimed in claim 6 wherein the fibre reinforced plastics material comprises a thermosetting resin comprising epoxy, polyester, vinyl ester or mixtures thereof reinforced by fibres of one or more of glass, carbon or metal..

8 (original): A clamp as claimed in claim 1 wherein the means for urging the clamp body toward the pipe comprises titanium or Kevlar (poly-paraphenylene terephthalamide).

9(canceled)

10 (canceled)

11(currently amended): A method of mounting buoyancy on a pipe ~~or~~
~~flowline, the method~~ comprising the steps of:

- a) mounting about a pipe a clamp comprising
 - i) a clamp body having surfaces against which buoyancy may abut,
 - ii) means for urging the clamp body towards the pipe, and
 - iii) a radially acting spring resilient member capable of expanding or contracting to conform to changes in diameter of the pipe about the pipe,
- b) urging the clamp body towards the pipe and
- c) mounting buoyancy on the clamp body.

12 (new): A clamp as claimed in claim 1 wherein the radially acting spring comprises a plurality of arcuate resilient leaves disposed along an interior surface of said clamp.